

BIODEGRADABLE RESIN FOR CONSTITUTING SHAPER MEMORY RESIN MOLDING AND MOLDING FORMED THEREFROM

Publication number: JP9221539

Publication date: 1997-08-26

Inventor: MINAMII YOSHIHIRO

Applicant: SHIMADZU CORP

Classification:

- international: *C08G63/06; C08L101/16;*
C08G63/00; C08L101/00; (IPC1-7):
C08G63/06; C08G63/06

- European:

Application number: JP19960052411 19960214

Priority number(s): JP19960052411 19960214

[View INPADOC patent family](#)

[View list of citing documents](#)

[Report a data error here](#)

Abstract of **JP9221539**

PROBLEM TO BE SOLVED: To provide a biodegradable resin which is cheaper than conventional shape memory resins and lightened in the problem of disposal of wastes and to provide a shape memory resin molding formed therefrom. SOLUTION: This resin is of polylactic acid type and the molding is formed from this polylactic acid resin. The polylactic acid type resin is molded into a specified shape to be memorized at or above the melting point of the resin and the obtained molding is deformed at a temperature lower than the molding temperature. The deformed molding is cooled to a temperature lower than the glass transition temperature of the resin to obtain a deformed shape memory resin molding having the deformation fixed. The deformed molding can restore its initial specified memorized shape by heating it to a temperature higher than the deformation temperature and lower than the molding temperature.

Data supplied from the *esp@cenet* database - Worldwide